## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006529

			2005/000525		
A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER 7 F16C33/48, 19/38, 33/64, 33/	66			
According to Int	ernational Patent Classification (IPC) or to both nation	al classification and IPC			
B. FIELDS SE	ARCHED				
Minimum docun Int . Cl	nentation searched (classification system followed by c F16C33/48, 19/38, 33/64, 33/	lassification symbols) 66			
	searched other than minimum documentation to the exte		ne fields searched		
		itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005 1994-2005		
Electronic data b	ase consulted during the international search (name of	data base and, where practicable, search	terms used)		
		· .			
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.		
Х	JP 8-296653 A (NSK Ltd.),		1,2		
Y A	12 November, 1996 (12.11.96), Par. Nos. [0024] to [0029]	•	4,6,7 3,5		
	& US 5626426 A				
	column 7, line 17 to column 8 & DE 19615916 A1	3, line 62			
X Y	JP 2-180314 A (Aktiebolaget 13 July, 1990 (13.07.90),	SKF),	1,2		
A	Page 3, lower left column, li	ine 13 to	3,5		
	lower right column, line 17				
	& US 5051006 A column 2, line 65 to column 3	3, line 24			
	& EP 374111 A1				
	column 3, lines 17 to 46				
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	<u> </u>		
1	ories of cited documents:	"T" later document published after the int			
"A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application to be of particular relevance.			invention		
filing date					
cited to establish the publication date of another citation or other "Y" docume		step when the document is taken alone "Y" document of particular relevance; the			
	n (as specified)  ferring to an oral disclosure, use, exhibition or other means	considered to involve an inventive combined with one or more other such	step when the document is		
"P" document pu	blished prior to the international filing date but later than the	being obvious to a person skilled in the "&" document member of the same patent:			
риотну вате	priority date claimed "&" document member of the same patent family				
	completion of the international search	Date of mailing of the international sea			
13 May,	2005 (13.05.05)	31 May, 2005 (31.0)	5.05)		
Name and mailing address of the ISA/		Authorized officer			
Japanes	se Patent Office				
Facsimile No.					
Form PCT/ISA/210 (second sheet) (January 2004)					

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/006529

		PC1/JP20	005/006529
C (Continuation	a). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y A	JP 3-4019 A (SKF GmbH.), 10 January, 1991 (10.01.91), Page 2, lower right column, lines 10 to 18; Fig. 2 & US 5009524 A column 2, lines 30 to 37; Fig. 2 & EP 399297 A1 & DE 3916552 A1		4 5
Y	JP 2000-81036 A (NSK Ltd.), 21 March, 2000 (21.03.00), Par. No. [0024] (Family: none)		6,7
A	JP 9-166144 A (Koyo Seiko Co., Ltd.), 24 June, 1997 (24.06.97), Full text (Family: none)		3